

Message

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**From:** Hauff, Amanda [Hauff.Amanda@epa.gov]  
**Sent:** 2/3/2021 2:02:31 PM  
**To:** Nguyen, Thuy [Nguyen.Thuy@epa.gov]; Goodis, Michael [Goodis.Michael@epa.gov]  
**CC:** Nesci, Kimberly [Nesci.Kimberly@epa.gov]; Ricciardi, Rachel [Ricciardi.Rachel@epa.gov]; Ryan, Emily [ryan.emily@epa.gov]; Picone, Kaitlin [Picone.Kaitlin@epa.gov]  
**Subject:** RE: REQUEST: Provide 20-minute overview at the Feb. 17th TPPC meeting: FYI - TPPC Outreach: EPA Takes Action to Investigate PFAS Contamination

Perfect, thank you!

Do you feel like you have everything you need to cover the meeting or would you like us to set up a quick time to touch base with you? I just want to make sure you feel comfortable.

In the meantime, we send you a calendar invite and we will provide you the agenda as soon as possible.

Thank you,

Amanda

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**From:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>  
**Sent:** Wednesday, February 3, 2021 8:06 AM  
**To:** Goodis, Michael <Goodis.Michael@epa.gov>; Hauff, Amanda <Hauff.Amanda@epa.gov>  
**Cc:** Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Ricciardi, Rachel <Ricciardi.Rachel@epa.gov>; Ryan, Emily <ryan.emily@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>  
**Subject:** RE: REQUEST: Provide 20-minute overview at the Feb. 17th TPPC meeting: FYI - TPPC Outreach: EPA Takes Action to Investigate PFAS Contamination

Yes, I will also be available on that date and time  
Thuy

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**From:** Goodis, Michael <Goodis.Michael@epa.gov>  
**Sent:** Tuesday, February 2, 2021 8:47 PM  
**To:** Hauff, Amanda <Hauff.Amanda@epa.gov>  
**Cc:** Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Ricciardi, Rachel <Ricciardi.Rachel@epa.gov>; Ryan, Emily <ryan.emily@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>  
**Subject:** Re: REQUEST: Provide 20-minute overview at the Feb. 17th TPPC meeting: FYI - TPPC Outreach: EPA Takes Action to Investigate PFAS Contamination

I am available to do it but not without Kim and Thuy 🙏

Sent from my iPhone

On Feb 2, 2021, at 7:28 AM, Hauff, Amanda <Hauff.Amanda@epa.gov> wrote:

Good morning, Mike, Kim and Thuy,

Happy Tuesday, I hope you are doing well. As a follow up to my previous emails, are you available on Wednesday, Feb. 17<sup>th</sup> from 2:00pm-3:00pm to provide a 20 minute overview of EPA actions on this issue

and to answer the TPPC's questions below? If so, Rachel will work to get this on your calendars and to finalize within the TPPC agenda. Please let us know if you have any questions.

I do not imagine you developing presentation slides for this topic. However, if you can provide an overview of the issue, EPA actions on this issue, any other co-regulator actions, and how it may affect tribes/the public – that would be great. In addition, please think about how you want us to manage any anticipated follow-up items on this topic. If we find this becomes a bigger task in the future, we can strategize on how to collaborate on the tribal issues. Please let me know if you have any questions. Thank you!

TPPC questions on the issue:

- What are the effects of the PFAS leaching into the pesticide? Does it affect the efficacy, or add to it and make it a more dangerous product?
- What is the scope of the investigation? These containers may not be limited to pesticides, but could be used in food storage and packaging as well.
- Are any other agencies also looking into the issue at this point?

Thank you,

Amanda

Amanda M. Hauff  
Senior Advisor  
National Tribal Program Manager  
National Environmental Justice Program Manager  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency

Email: [hauff.amanda@epa.gov](mailto:hauff.amanda@epa.gov)  
Office Phone: (202) 566-0603  
Work Cell: (202) 527-4671  
Fax: (202) 566-0599

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**From:** Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>  
**Sent:** Thursday, January 14, 2021 4:03 PM  
**To:** Hauff, Amanda <[Hauff.Amanda@epa.gov](mailto:Hauff.Amanda@epa.gov)>  
**Cc:** Picone, Kaitlin <[Picone.Kaitlin@epa.gov](mailto:Picone.Kaitlin@epa.gov)>; Mosby, Jackie <[Mosby.Jackie@epa.gov](mailto:Mosby.Jackie@epa.gov)>; Siciliano, CarolAnn <[Siciliano.CarolAnn@epa.gov](mailto:Siciliano.CarolAnn@epa.gov)>; Dennis, Allison <[Dennis.Allison@epa.gov](mailto:Dennis.Allison@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>; Nesci, Kimberly <[Nesci.Kimberly@epa.gov](mailto:Nesci.Kimberly@epa.gov)>; Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Subject:** Re: FYI - TPPC Outreach: EPA Takes Action to Investigate PFAS Contamination

Mike, Kim, or Thuy

Sent from my iPhone

On Jan 14, 2021, at 4:01 PM, Hauff, Amanda <[Hauff.Amanda@epa.gov](mailto:Hauff.Amanda@epa.gov)> wrote:

Hi Ed,

I wanted to keep you in the loop on the email sent to the TPPC leadership team, see below. I shared the opportunity that you offered to meet with them to discuss one-on-one if they like or to invite someone to the next TPPC meeting to discuss.

Can you tell me who is the best OPP middle manager/team lead to also keep in the loop on this action?

Thanks,

Amanda

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**From:** Hauff, Amanda

**Sent:** Thursday, January 14, 2021 3:55 PM

**To:** [nina@stewartspoint.org](mailto:nina@stewartspoint.org); Jasmine Brown <[Jasmine.Brown@cslt.org](mailto:Jasmine.Brown@cslt.org)>; Tony

McCandless <[Tony.McCandless@gric.nsn.us](mailto:Tony.McCandless@gric.nsn.us)>; [egjevre@cdatribe-nsn.gov](mailto:egjevre@cdatribe-nsn.gov)

**Cc:** Ryan, Emily <[ryan.emily@epa.gov](mailto:ryan.emily@epa.gov)>; Ricciardi, Rachel <[Ricciardi.Rachel@epa.gov](mailto:Ricciardi.Rachel@epa.gov)>;

Mark Lambert Daniels <[Mark.Daniels@nau.edu](mailto:Mark.Daniels@nau.edu)>; [Mehrdad.Khatibi@NAU.EDU](mailto:Mehrdad.Khatibi@NAU.EDU)

**Subject:** FYI: EPA Takes Action to Investigate PFAS Contamination

**Importance:** High

Good afternoon, Jasmine, Nina, Tony and Eric,

We wanted to share the below announcement with you. Today the agency is making new information available about EPA testing that shows PFAS contamination from fluorinated containers used to store and transport a mosquito control pesticide product (see below for detailed information).

We will be working to learn how this product may affect tribes and tribal pesticide programs. We will be asking our regional offices to get the word out to tribes as well as let us know if any tribe suspects they may be affected by this action. (I am also working with my counterparts across the Agency and within each Region). I only have limited details at this time, but Ed Messina (Acting OPP Director) is happy to make himself available to give more details about this action in an upcoming TPPC meeting or I can schedule a one-on-one opportunity with him and the TPPC leadership team (you all) sometime next week or so.

Please let me know if you would like to take Ed up on that offer. Otherwise, we will put this on the agenda for the next TPPC meeting scheduled in February and work to get the right folks on the call.

Can you share this information with the rest of the TPPC? Emily and I will be working on gathering feedback from tribes (and sharing more information as we learn more).

Note: I did share this with the other tribal contacts that have created an ad hoc PFAS workgroup. We can use the meeting time to discuss that group and potential collaboration with them too.

Thank you,

Amanda

Amanda M. Hauff  
Senior Advisor

National Tribal Program Manager  
National Environmental Justice Program Manager  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency

Email: [hauff.amanda@epa.gov](mailto:hauff.amanda@epa.gov)  
Office Phone: (202) 566-0603  
Work Cell: (202) 527-4671  
Fax: (202) 566-0599

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**From:** U.S. EPA Office of Chemical Safety and Pollution Prevention

[<oppt.epa@public.govdelivery.com>](mailto:oppt.epa@public.govdelivery.com)

**Subject:** Pesticide Program Update: EPA Takes Action to Investigate PFAS Contamination

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## EPA Takes Action to Investigate PFAS Contamination

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As part of the U.S. Environmental Protection Agency's (EPA) extensive efforts to address PFAS, today the agency is making new information available about EPA testing that shows PFAS contamination from fluorinated containers.

Through a coordinated effort with both the Commonwealth of Massachusetts and a pesticide manufacturer, the agency has determined that fluorinated high-density polyethylene (HDPE) containers that are used to store and transport a mosquito control pesticide product contain PFAS compounds that are leaching into the pesticide product.

While the agency is early in its investigation and assessment of potential impacts on health or the environment, the affected pesticide manufacturer has voluntarily stopped shipment of any products in fluorinated HDPE containers and is conducting its own testing to confirm EPA results and product stability in un-fluorinated containers. In addition, EPA has issued a request for information under the Toxics Substance Control Act (TSCA) to the company that fluorinates the containers used by certain pesticide manufacturers. The TSCA subpoena requests information about the fluorination process used to treat the containers.

As EPA evaluates this issue, the agency asks that pesticide and other companies using fluorinated containers, and entities that provide container fluorination services, engage in good product stewardship and examine their distribution chains to identify potential sources of contamination. EPA will also continue to work closely with the entities involved and their supply and distribution chains, mosquito control districts, the pesticide and packaging industry, federal partners, states, and tribes that may be affected to provide information and guidance on next steps. EPA understands the need to provide guidance to states, tribes, and other users as they prepare to purchase mosquito control products for 2021 and will provide more information as it continues its investigation.

EPA will update the following webpage with information as it becomes available:  
<https://www.epa.gov/pesticides/pfas-packaging>


## Background

Since first becoming aware of the PFAS contamination issue in early September 2020 through citizen science testing of a pesticide product for mosquito control, EPA has been working to investigate the source of the contamination. Throughout October and November 2020, EPA has worked diligently in conjunction with the Massachusetts Department of Environmental Protection to request samples of the pesticide product and analyze the identified product at different steps of production and manufacturing to determine whether PFAS are present, including issuing an information request to the pesticide registrant on October 5, 2020 seeking information on the affected pesticide's production, sales, and distribution.

In late December 2020, EPA studied the fluorinated HDPE containers used to store and transport the product and determined the containers are a possible source of PFAS contamination. EPA has been in close contact with Massachusetts, the pesticide registrant and the fluorinated HDPE container treatment company to discuss the issue, as well as to obtain the materials needed to test for PFAS in the product and the fluorinated HDPE containers.

Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), EPA is charged with approving active and inert ingredients in the registered pesticide products sold in the United States. EPA has confirmed that PFAS is not a known ingredient or additive in the company's affected product and is collaboratively working with the registrant as EPA laboratories test samples of the product at different steps of production and manufacturing, in addition to the agency's study of the containers themselves.

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